nRM2024539915

0

0

Incident ID

District RP Facility ID

Application ID



January 20, 2024

New Mexico Energy, Minerals and Natural Resource Department Oil Conservation Division, District 1 1625 French Drive Hobbs, NM 88240

Re: Liner Inspection and Closure Report

Site Name: Queso Blanco 13 State Com 602H

GPS: Latitude: 32.38781 Longitude: -103.42743

Legals: UL "N", Sec.13, T22S, 34E

Lea County, New Mexico

NMOCD Ref. No. nRM2024539915

Permian Resources (PR) has prepared this liner inspection and closure report for the Release Site known as the Queso Blanco 13 State Com 602H. Details of the release are summarized on the table below:"

Nature and Volume of Release							
Date Release Discovered	Date Release Discovered 8/19/2020 Source of Release Water Tank						
Type of Release	Produced Water	Volume Released	300 BBL				
Type of Release	Floudced Water	Volume Recovered	300 BBL				
Cause of Release							
Water tanks overfilled due to	transfer pumps being airlocked. Fluid	s did not migrate from lined co	ontainment. Release was imediately				
stoped and all fluids recovere	d. The containment will be washed, a	nd notice will be given before	liner inspection.				
Affected Area							
Was this a major release? If YES, for what reasons (s) is this considered a major release?							
Yes	Yes More than 25 BBLS						
If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means?							
Email was sent to Jim Griswold and emnrd-ocd-district 1 spills on 8/21/20.							

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #8

	1 1120 2
Incident ID	nRM2024539915
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Site Assessment/Characterization			
What is the shallowest depth to groundwater beneath the area affected by the release?	<50 ft.		
Did this release impact groundwater or surface water?	No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	No		
Are the lateral extents of the release within 300 feet of a wetland?	No		
Are the lateral extents of the release overlying a subsurface mine?	No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	No		
Are the lateral extents of the release within a 100-year floodplain?	No		
Did the release impact areas <b>not</b> on an exploration, development, production or storage site?	No		

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey was conducted in an effort to determine the average depth to groundwater within a 1 Mile radius of the Site and identify any registered water wells within a 1/2 Mile radius of the Site. If none where identified, or the results were inconclusive, the approximate depth to groundwater was extrapolated from available data including the average of the nearest USGS wells and/or a Depth to Groundwater Map utilized by the NMOCD.

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release		
Benzene	10 mg/kg	
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	50 mg/kg	
Total Petroleum Hydrocarbons	100 mg/kg	
Combined GRO and DRO	1000 mg/kg	
Chloride	600 mg/kg	

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #5. A liner inspection report is provided as Attachment #6.

Incident ID	nRM2024539915
District RP	0
Facility ID	0
Application ID	0

# **Initial Site Assessment**

On **August 21,2020** The release was discovered by the lease opperator. A vacuum truck was mobilized to the site to remove fluid from inside of containment.

On **January 15, 2024,** Permian Resources arrived at the site and determined an liner inspection must be conducted as per 19.15.29.11(A)(5) NMAC. Notice of liner ispection was given on this date.

On **January 19, 2024**, Permian Resources conducted a liner integrity inspection. Upon inspection Permian Resources found the liner to be intact and had the ability to contain the release in question.

# **Remediation Activities Summary**

Permian Resources conducted a liner inspection per the requirements of 19.15.29.11(5)(a) NMAC. NMOCD was notified on January 15, 2024 that a liner inspection would be conducted on January 19, 2024. After a thorough inspection of the liner within the tank battery containment, the liner appeared to be intact and had the ability to contain the release in question. The location from which the release occurred was identified, and Permian Resources verified that the release did not occur outside of the lined containment.

# **Closure Request**

Based on field activities to date and conditions of the site, Permian Resources requests closure be granted to the site know as the Queso Blanco 13 State Com 602H (nRM2024539915).

Incident ID	nRM2024539915
District RP	0
Facility ID	0
Application ID	0

If you have any questions, or need any additional information, please feel free to contact Montgomery Floyd or the undersigned by phone or email.

Respectfully,

Matthew Taylor Environmental Representative Permian Resources 575-408-3638 Montgomery Floyd Environmental Manager Permian Resources 432-425-8321

Attachments: Attachment #1- Figure 1 - Topographic Map

Attachment #2- Figure 2 - Aerial Map Attachment #3- Figure 3 - Site Map

Attachment #4- Depth to Groundwater Information

Attachment #5 Photographic Log
Attachment #6- Liner Inspection

Attachment #7- NMOCD Correspondence

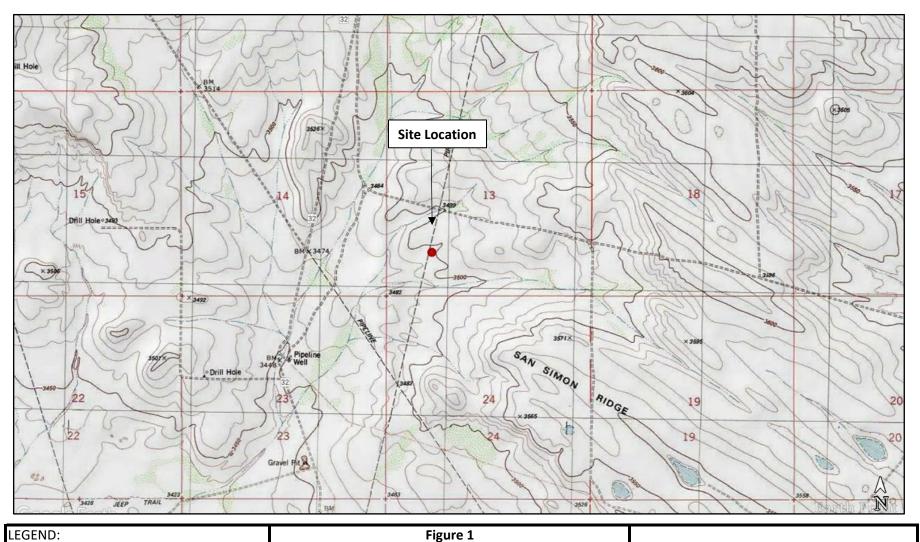
Attachment #8- Release Notification (NMOCD C-141)

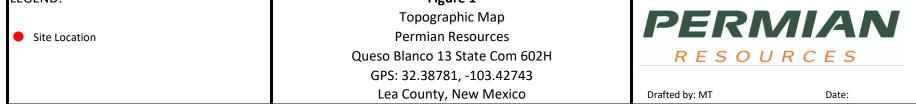
### **LIMITATIONS**

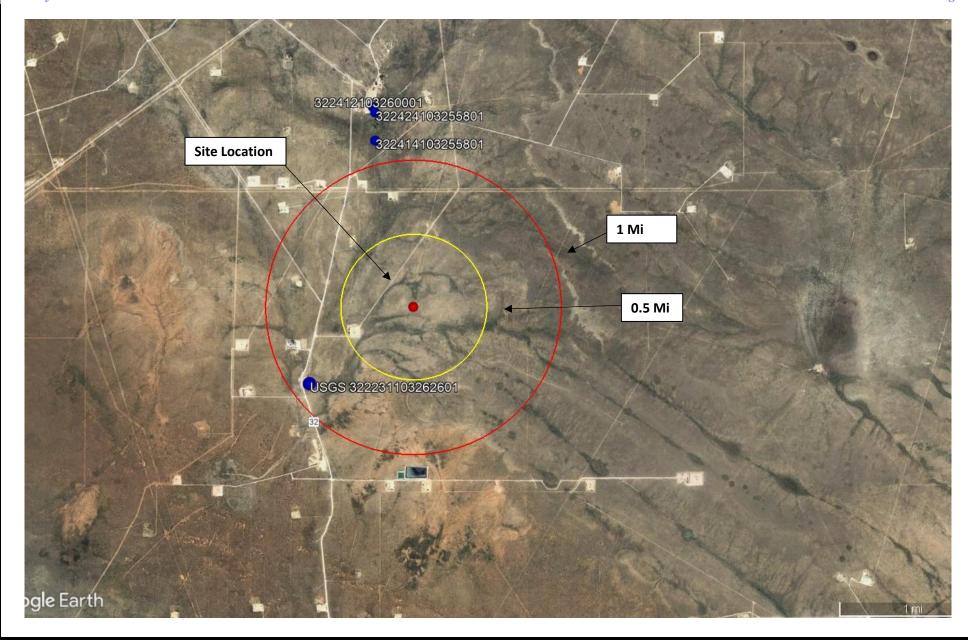
This document has been prepared by Permian Resources. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of Permian Resources is prohibited.

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. Permian Resources notes that the facts and conditions referenced in this document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

Permian Resources has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or







# LEGEND:

Site Location

Fresh Water Well



100-Year Floodplain High/Critical Karst

# No

Non-Inustrial Building
Subsurface Mine

# Figure 2

Aerial Map Permian Resources Queso Blanco 13 State Com 602H GPS: 32.38781, -103.42743 Lea County, New Mexico



Drafted by:MST

Date:





Affected Area

# Figure 3

Site & Sample Location Map Permian Resources Queso Blanco 13 State Com 602H GPS: 32.38781, -103.42743 Lea County, New Mexico



Drafted by: MST

1/18/24, 4:32 PM

USGS Groundwater for USA: Water Levels -- 1 sites



**USGS** Home Contact USGS Search USGS

National Water Information System: Web Interface

**USGS Water Resources** 

Data Category:		Geographic Area:		FE 18	
Groundwater	~	United States	~	GO	

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- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

# Search Results -- 1 sites found

site no list =

322231103262601

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

# USGS 322231103262601 22S.34E.23.23131

Available data for this site Groundwater: Field measurements Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83

Land-surface elevation 3,452 feet above NAVD88

The depth of the well is 60 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

# **Output formats**

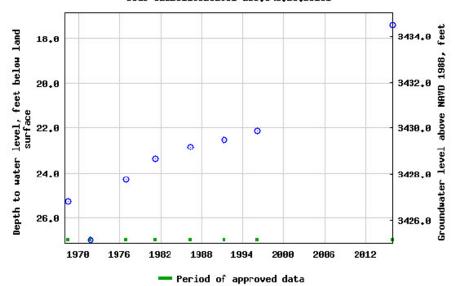
Table of data	
Tab-separated data	
Graph of data	
Reselect period	

https://nwis.waterdata.usgs.gov/usa/nwis/gwlevels/?site\_no=322231103262601

1/18/24, 4:32 PM

USGS Groundwater for USA: Water Levels -- 1 sites

### USGS 322231103262601 225,34E,23,23131



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

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0.66 0.5 nadww01



1/18/24, 4:40 PM

USGS Groundwater for USA: Water Levels -- 1 sites



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National Water Information System: Web Interface

USGS Water Resources	Data Category: G		Geographic Area:		200	
OSOS Water Resources	Groundwater	~	United States	~	GC	

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■ Important: Next Generation Monitoring Location Page

# Search Results -- 1 sites found

site\_no list =

322414103255801

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

# USGS 322414103255801 22S.34E.11.24422

Available data for this site Groundwater: Field measurements V GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°24'14", Longitude 103°25'58" NAD27
Land-surface elevation 3,513 feet above NAVD88
The depth of the well is 16 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

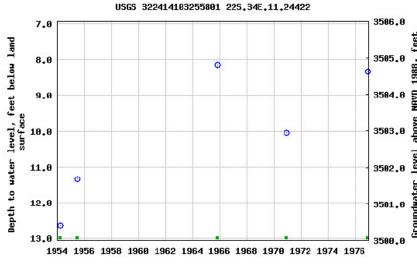
# **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

https://nwis.waterdata.usgs.gov/usa/nwis/gwlevels/?site\_no=322414103255801

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USGS Groundwater for USA: Water Levels -- 1 sites



- Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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USA.gov

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USGS Groundwater for USA: Water Levels -- 1 sites



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# National Water Information System: Web Interface

**USGS Water Resources** 

Data Category:			Geographic Area:		72	
	Groundwater	~	United States	~	GO	

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- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

# Search Results -- 1 sites found

site\_no list =

322424103255801

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 322424103255801 22S.34E.11.22442

Available data for this site Groundwater: Field measurements GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°24'24", Longitude 103°25'58" NAD27
Land-surface elevation 3,517 feet above NAVD88

The depth of the well is 62 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aguifer.

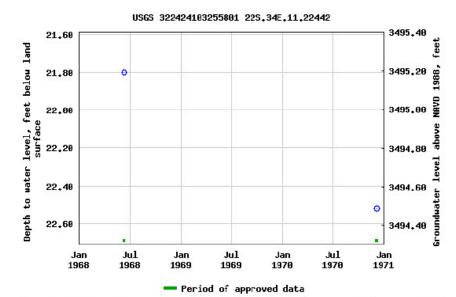
**Output formats** 

Output formato			
Table of data			
Tab-separated data			
Graph of data			
Reselect period			

https://nwis.waterdata.usgs.gov/usa/nwis/gwlevels/?site\_no=322424103255801

1/18/24, 4:41 PM

USGS Groundwater for USA: Water Levels -- 1 sites



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0.57 0.51 nadww01



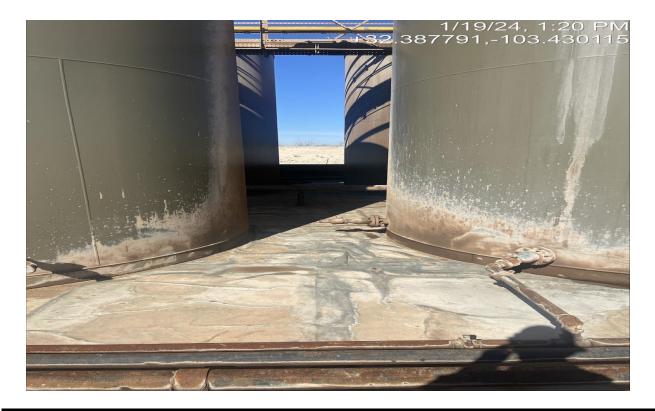


Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14



# **Liner Inspection Report**

Site Name: Queso Blanco 13 State Com 602 Inspection Date 1/19/2024 Site Location: Lea County, NM GPS: 32.38781, -103.42743

# Inspection Parameters as Outlined in 19.15.29.11(5) NMAC

# **Prior to Inspection**

Two(2) Business day notification of inspection to appropriate division office

Date of Notice: 1/15/2024

Material covering liner removed	Yes
Release was containted to lined containmen	Yes

# Inspection

Liner thoroghly inspected	Yes
All damaged areas observed in white paint on liner	Yes
Liner integrity was maintained	Yes
Release was containted to lined containment area	Yes
Liner was able to contain the release	Yes

# If YES:

Certify on C-141 Form that liner remains intact

# If NO:

Resposible Party must delineate the horizontal and vertical extent of release. See table 1 19.15.29.12 NMAC
See subparagraph (E) Paragraph (5) of subsection 19.15.29.11 NMAC

Additional Comments:

Inspector Signiture Matthew Taylor

Date: 1/19/2024

# **Matthew Taylor**

From: OCDOnline@state.nm.us

Sent: Monday, January 15, 2024 4:26 PM

To: Montgomery Floyd

Subject: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application,

Application ID: 303723

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Montgomery Floyd for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nRM2024539915.

The liner inspection is expected to take place:

When: 01/19/2024 @ 09:00

Where: N-13-22S-34E 0 FNL 0 FEL (32.38781,-103.42743)

Additional Information: Matthew Taylor 575-408-3638

Additional Instructions: 32.387775,-103.430396

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

CAUTION: This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

1

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fc, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	39310
Application ID	

# **Release Notification**

			Res	sponsible l	Party
Responsible	Party: Cente	ennial Resource Pr	roduction, Inc	OGI	RID: 372165
Contact Nam	ne: Jamon H	ohensee		Con	act Telephone: 432-241-4283
Contact ema	il: jamon.ho	hensee@cdevinc.	com	Inci	lent # (assigned by OCD)
Contact mail Texas 79705		500 W. Illinois A	ve, Suite 500, M	Midland	
			Locatio	n of Relea	se Source
Latitude 32.3	8781			Lone	tude -103.42743
			(NAD 83 in a	decimal degrees to	5 decimal places)
Site Name: Q	ueso Blanco	13 State Com 60	2 603 CTB	Site	Type: Production Facility
Date Release	Discovered	: 8/19/20		API	30025463990000, 30025464000000
** ** *					
Unit Letter N	Section 13	Township 22S	Range 34E	Lea	County
☐ Crude Oil	Materia	il(s) Released (Select a	II that apply and atta		of Release  pecific justification for the volumes provided below)  Volume Recovered (bbls)
□ Produced	Water	Volume Release	ed (bbls) 300		Volume Recovered (bbls) 300
			tion of dissolved	chloride in the	
Condensa	te	Volume Release			Volume Recovered (bbls)
Natural G	as	Volume Release	ed (Mcf)	/////	Volume Recovered (Mcf)
Other (des	scribe)	Volume/Weight	Released (provi	de units)	Volume/Weight Recovered (provide units)
immediately :	overfilled du stopped, and	d all the fluids wer	e recovered. The	e containment v	did not migrate from lined containment. Release was will be washed, and notice will be given prior to liner d berm minus displacement of tanks.

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?  Volume released was greater than 25bbls
⊠ Yes □ No	
If YES, was immediate n Email notification was se	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  Int to Jim Griswold and emnrd-ocd-district1spills on 8/21/20.
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.
The impacted area ha	is been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
P 10 15 20 6 P (4) NA	
has begun, please attach	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environs failed to adequately investig	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Jamon Ho	hensee Title: Sr. Environmental Analyst
Signature:	Date: 8-31-20
email: jamon.hohensee@	
OCD Only	
Received by:	Date:

State of New Mexico
Oil Conservation Division

Incident ID	
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Facility ID	
Application ID	

# Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	Yes No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs	ls.
Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

# State of New Mexico Oil Conservation Division

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Application ID	

public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a temporary	the best of my knowledge and understand that pursuant to OCD rules and notifications and perform corrective actions for releases which may endanger to OCD does not relieve the operator of liability should their operations have threat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

State of New Mexico Oil Conservation Division

Incident ID	5
District RP	- Avry Manager High and the Na
Facility ID	
Application ID	

# **Remediation Plan**

	all liets Each of the following items worst by the	and and and its office and and
	cklist: Each of the following items must be in	nctuaed in the plan.
	of proposed remediation technique	
	GPS coordinates showing delineation points f material to be remediated	
	Table 1 specifications subject to 19.15.29.12(	(CV4) NMAC
Proposed schedule	or remediation (note if remediation plan timeli	ine is more than 90 days OCD approval is required)
Deferral Requests Onl	y: Each of the following items must be confir	rmed as part of any request for deferral of remediation.
Contamination mus deconstruction.	be in areas immediately under or around prod	fuction equipment where remediation could cause a major facility
☐ Extents of contamin	ation must be fully delineated.	
Contamination does	not cause an imminent risk to human health, the	he environment, or groundwater.
which may endanger pu liability should their ope	blic health or the environment. The acceptance erations have failed to adequately investigate an ealth or the environment. In addition, OCD acc	tain release notifications and perform corrective actions for releases e of a C-141 report by the OCD does not relieve the operator of nd remediate contamination that pose a threat to groundwater, ceptance of a C-141 report does not relieve the operator of
	iance with any other federal, state, or local law	
responsibility for compl		s and/or regulations.
Printed Name:		
responsibility for complement of the Printed Name: Signature:		rs and/or regulations. Title:
responsibility for complement of the Printed Name: Signature:		rs and/or regulations.  Title:  Date:
responsibility for compl Printed Name: Signature: email: OCD Only		rs and/or regulations.  Title:  Date:
responsibility for complement of the complement		Title:  Date:  Date:

State of New Mexico Oil Conservation Division

Incident ID	WWW.0000
District RP	- Zammino-
Facility ID	
Application ID	

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklis	Each of the following items must be included in the closure report.	
A scaled site and sampling diagram	is described in 19.15.29.11 NMAC	
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities		
and regulations all operators are required may endanger public health or the environ should their operations have failed to ade human health or the environment. In add compliance with any other federal, state, restore, reclaim, and re-vegetate the impa	above is true and complete to the best of my knowledge and understand that pursuant to OCD rules or report and/or file certain release notifications and perform corrective actions for releases which ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability uately investigate and remediate contamination that pose a threat to groundwater, surface water, ion, OCD acceptance of a C-141 report does not relieve the operator of responsibility for r local laws and/or regulations. The responsible party acknowledges they must substantially ted surface area to the conditions that existed prior to the release or their final land use in ding notification to the OCD when reclamation and re-vegetation are complete.	
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
OCD ONLY		
	Date:	
Received by:  Closure approval by the OCD does not rel remediate contamination that poses a three	eve the responsible party of liability should their operations have failed to adequately investigate and to groundwater, surface water, human health, or the environment nor does not relieve the responsible	
Received by:  Closure approval by the OCD does not rel	eve the responsible party of liability should their operations have failed to adequately investigate and to groundwater, surface water, human health, or the environment nor does not relieve the responsible, state, or local laws and/or regulations.	

State of New Mexico
Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Incident ID	The second secon
District RP	
Facility ID	
Application ID	77117,000,000

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

A scaled site and sampling diagram as described in 19.15.29.11	NMAC	
Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office	
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulativestore, reclaim, and re-vegetate the impacted surface area to the conaccordance with 19.15.29 13 NMAC including notification to the OC.	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in D when reclamation and responsible are complete.	
Printed Name: Morrage Ry FLOYD	Title: E VV	
Signature: W	Date: 1-30-24	
Printed Name: Montgomeny FLOYD  Signature: 17 2  email: montgomeny. floyd@permianres .com	Telephone: 432 315 0123	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

QUESTIONS

Action 312304

# **QUESTIONS**

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	312304
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2024539915
Incident Name	NRM2024539915 QUESO BLANCO 13 STATE COM 602 603 CTB @ 30-025-46399
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-46399] QUESO BLANCO 13 STATE COM #602H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	QUESO BLANCO 13 STATE COM 602 603 CTB
Date Release Discovered	08/19/2020
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Water Tank   Produced Water   Released: 300 BBL   Recovered: 300 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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1220 S. St Francis Dr., Santa Fe, NM 87505

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 312304

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (continued)
Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
QUESTIONS	•
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Not answered.

hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Montgomery Floyd Title: Environmental Manager I hereby agree and sign off to the above statement Email: montgomery.floyd@permianres.com

If all the actions described above have not been undertaken, explain why

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

QUESTIONS, Page 3

Action 312304

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	312304
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	01/19/2024	
On what date will (or did) the final sampling or liner inspection occur	01/19/2024	
On what date will (or was) the remediation complete(d)	01/19/2024	
What is the estimated surface area (in square feet) that will be remediated	8100	
What is the estimated volume (in cubic yards) that will be remediated	8100	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 312304

**QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	312304
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
Is (or was) there affected material present needing to be removed	Yes	
Is (or was) there a power wash of the lined containment area (to be) performed	Yes	
OTHER (Non-listed remedial process)	No	
Per Subsection B of 19, 15, 29, 11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19, 15, 29, 12 NMAC		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Montgomery Floyd
Title: Environmental Manager

Email: montgomery.floyd@permianres.com

Date: 02/07/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 312304

# **QUESTIONS** (continued)

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	312304
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	303723
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/19/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	10000

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
What was the total surface area (in square feet) remediated	8100	
What was the total volume (cubic yards) remediated	0	
Summarize any additional remediation activities not included by answers (above)	Containment cleanout	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

Name: Montgomery Floyd Title: Environmental Manager

Email: montgomery.floyd@permianres.com

Date: 02/07/2024

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CONDITIONS

Action 312304

# **CONDITIONS**

Operator:	OGRID:
Permian Resources Operating, LLC	372165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	312304
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
scott.rodg	App ID 312304 Liner Inspection approved.	4/3/2024